



Effective Prophylaxis, Efficient Treatment for CHIGGERS

Now's the time the troublesome chigger mite starts his regular summer offensive!

But he folds up quickly, completely—under the effective action of Sulfur Foam Applicators, Wyeth.

These applicators distribute particles of sulfur evenly, thoroughly, over the body in a most effective medium—bland soap foam.

N. B.: "The superiority of this form of sulfur over powders, ointments, pastes, etc., is without challenge."*

During the coming chigger season, this timely prescription product will bring enthusiastic thanks from grateful patients!

A Pharmaceutical Product of
WYETH INCORPORATED
Philadelphia

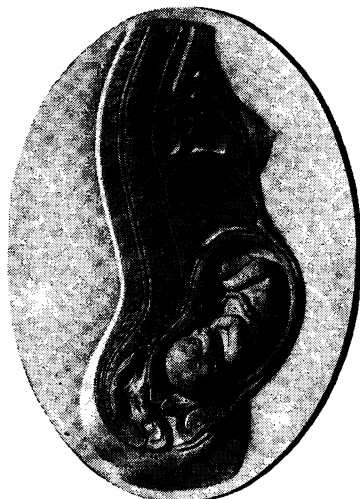


*Romeo, Z. J.: Sulfur and Soap as Effective Prophylaxis Against "Chiggers" (Red Bugs) in the Army, Mil. Surgeon. 90: 437-439 (April) 1942.



ANATOMY OF PREGNANCY

*This series of life-size sculptured models
was executed for S. H. Camp & Company
by Charlotte S. Holt*



4 Lunar Months—Abdominal protrusion beginning. Uterus becomes abdominal organ. Fundus 4 cm. below umbilicus. Approximate time of quickening. Normal visceral relationship. No appreciable change in body mechanics.



7 Lunar Months—Beginning tension on recti. Uterine fundus 5.5 cm. above umbilicus. Cephalic presentation determined. Visceral displacement (upward and lateral). Lumbar and dorsal curves increased. Relaxation of sacro-iliac and pubic joints.

10 Lunar Months—Overdistension of recti and diastasis are obvious. Fetus and placenta fully developed. Head engaging (L.O.P.). Marked visceral displacement (upward and lateral). Marked lumbar lordosis "pride of pregnancy." Relaxation of pelvic joints.

CAMP
TRADE MARK

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S. H. CAMP & COMPANY • Jackson, Michigan

Offices in CHICAGO • NEW YORK
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World's Largest Manufacturers of Anatomical Supports



To Speed the Day

The promise of penicillin . . . precious, life-saving antibiotic derived from *Penicillium notatum* . . . will not be fully realized until this drug is available in sufficient quantities to work its miracles in every city, town, and hamlet in the country.

Cheplin Biological Laboratories are actively engaged in the production of penicillin and are making intensive efforts to increase its output to the point where all restrictions on its civilian use can be removed. We are doing our utmost to speed the day when this drug will be found in every physician's bag and every pharmacist's prescription room.

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(Unit of Bristol-Myers Company)

SYRACUSE, NEW YORK

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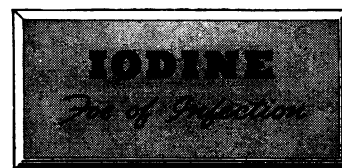
IODINE...

**Simple; Rapid;
Trustworthy**

Iodine solutions, applied to the skin, continue their bactericidal action for several hours. This is important in surgery where it is desirable that a bactericidal barrier be maintained on the skin to minimize danger of pathogenic organisms from the air.

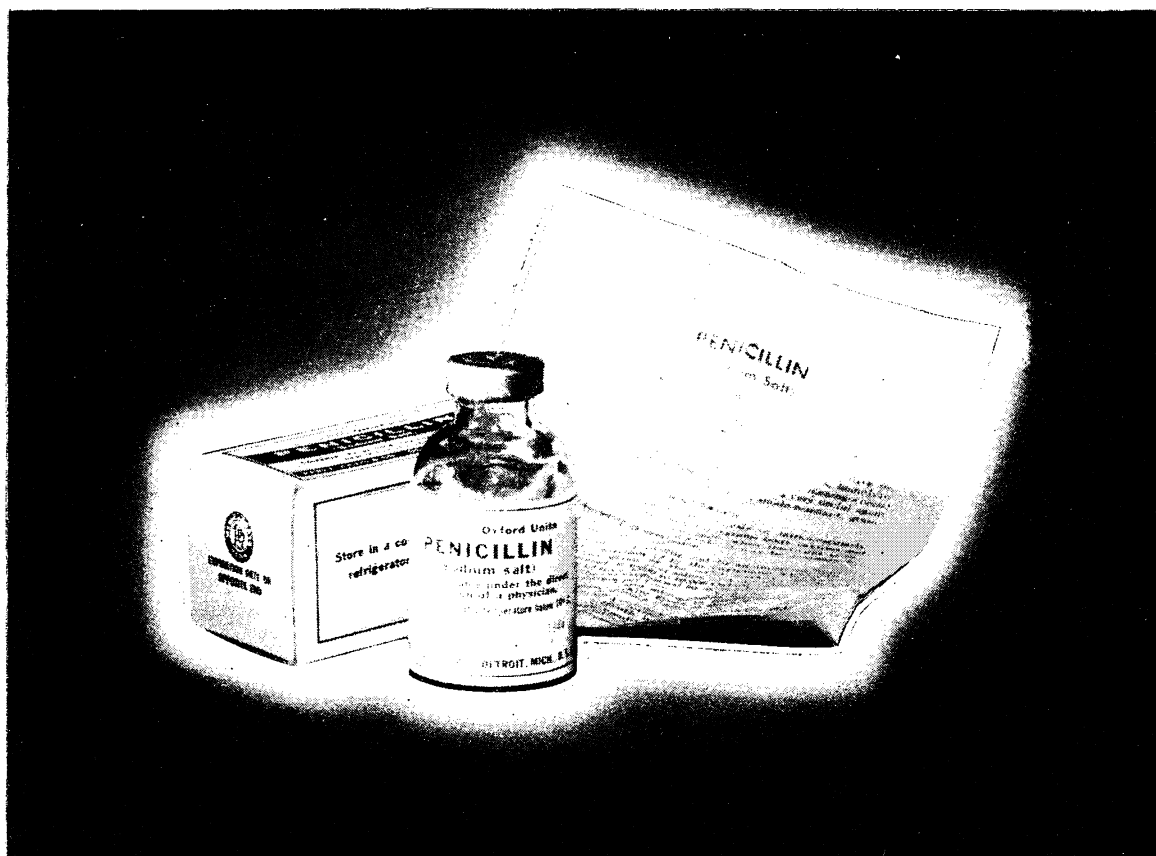
A further advantage of Iodine is the fact that it does not destroy normal leucocytic function.

Iodine's antiseptic value is in no way affected by the presence of alcohol.



Iodine Educational Bureau, Inc.

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PARKE, DAVIS & COMPANY

When Parke, Davis & Co. began the commercial production of Penicillin in the summer of 1943, the world-wide output of this precious material was almost negligible. Today Penicillin has become a standard therapeutic agent—supplied in quantities needed for the Allied armed forces and for use in research and treatment of selected cases, and now increasingly available for use in civilian practice. Parke-Davis Penicillin is packaged in rubber-diaphragm-capped vials containing 100,000 Oxford units. Instructions for clinical use of Penicillin are available upon request.

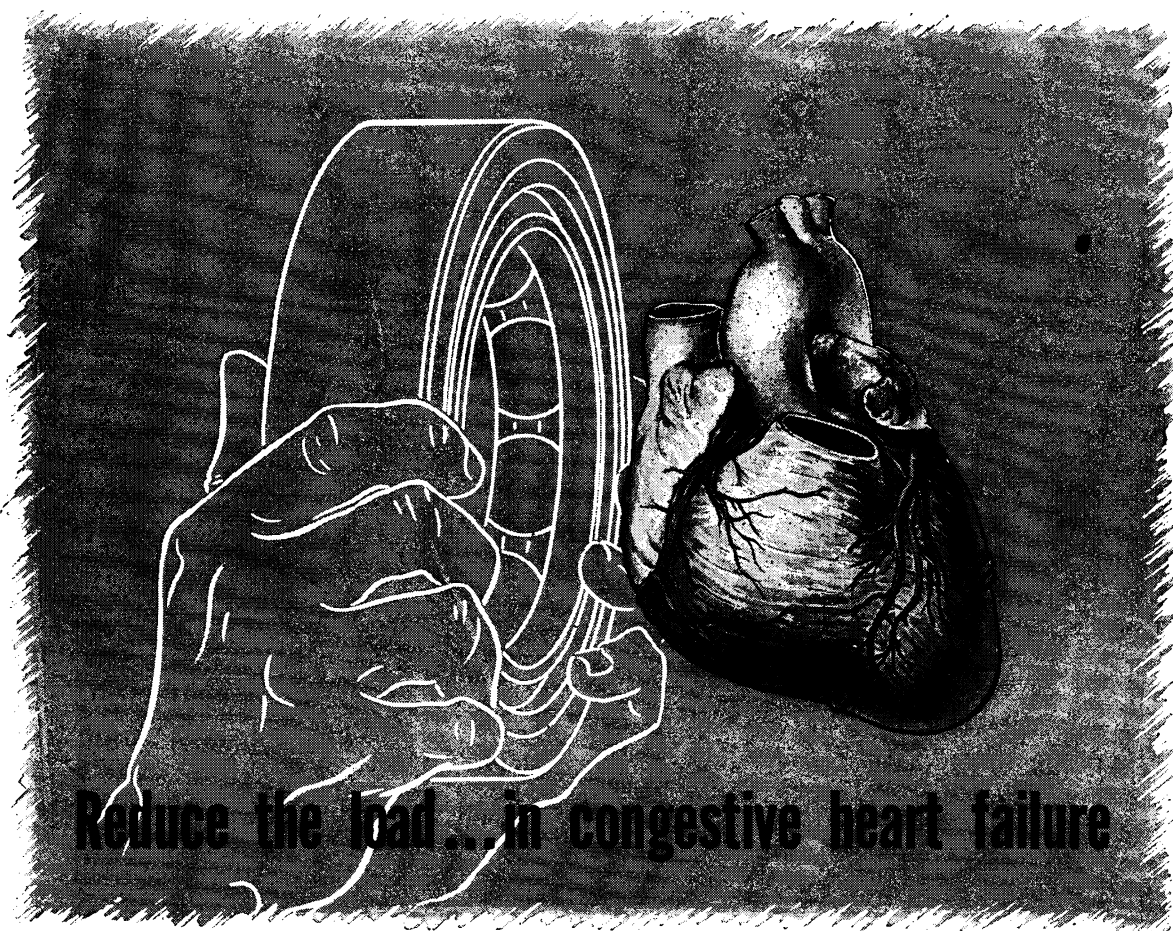
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More efficient heart muscle function is permitted when the cardiac burden of the decompensated heart is decreased. The promotion of diuresis is

an important factor in breaking the vicious circle of congestion, edema and the resultant increased circulatory resistance.

SEARLE AMINOPHYLLIN*

produces a gratifying increase in glomerular filtration without appreciable increase in tubular reabsorption. In appropriate dosage its therapeutic action is equally effective, whether given orally or parenterally. This permits the administration of Searle Aminophyllin both in acute emergencies and in chronic congestive heart failure.

INDICATIONS: Bronchial Asthma • Paroxysmal Dyspnea • Aid in Preventing Anginal Attacks • Cheyne-Stokes Respiration • Selected Cardiac Cases

In all usual dosage forms.



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*Contains at least 80% anhydrous theophyllin.

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RESEARCH IN THE SERVICE OF MEDICINE

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PENICILLIN *Schenley*

WHEN the great need for Penicillin developed, it was natural that, with experience in the field of mycology and fermentation research, Schenley should turn its extensive facilities to this humanitarian cause.

The full-time services of our research staff were immediately applied to the task of perfecting a large-scale *Penicillin*-producing method. Progress was sufficiently successful to earn a place for Schenley among the 21 firms designated for production of the precious drug.

Today, *Penicillin* Schenley is augmenting the nation's supply of this valuable antibacterial agent. Our goal in these efforts is to aid in furnishing sufficient *Penicillin* to fill the fullest needs of both military and civilian medicine.

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"THE DOCTOR FIGHTS" *starring* RAYMOND MASSEY

... a report to the nation on the widespread activities of America's doctors at war. We believe you will find this program of interest. Your suggestions or comments are welcomed.

Tuesday Evenings • Columbia Broadcasting System
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Only one cigarette PROVED less irritating



It is significant that no other leading cigarette has even claimed to be less irritating than PHILIP MORRIS!

PHILIP MORRIS Cigarettes are *made* differently. From a different formula. With a different effect on smokers' throats.

These are not mere statements. You can see the facts for yourself in published studies.* They showed conclusively, in both clinical and laboratory tests, made by fully accredited authorities, that irritation due to smoking is appreciably *less* on smoking PHILIP MORRIS . . . that PHILIP MORRIS are appreciably *more* desirable for smokers with sensitive throats.

PHILIP MORRIS

Philip Morris & Company, Ltd., Inc., 119 Fifth Avenue, New York

**Laryngoscope, Feb. 1935, Vol. XLV, No. 2, 149-154. Laryngoscope, Jan. 1937, Vol. XLVII, No. 1, 58-60. Proc. Soc. Exp. Biol. and Med., 1934, 32, 241. N. Y. State Journ. Med., Vol. 35, 6-1-35, No. 11, 590-592.*

TO THE PHYSICIAN WHO SMOKES A PIPE: We suggest an unusually fine new blend—Country Doctor Pipe Mixture. Made by the same process as used in the manufacture of Philip Morris Cigarettes.

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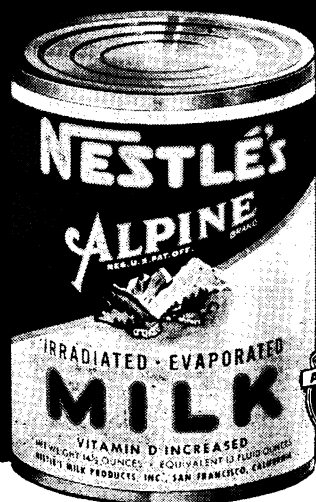
A general hospital of 225 beds operating an accredited School of Nursing, admitting all classes of patients except those suffering from mental diseases. Organized in 1851 and operated by the French Mutual Benevolent Society through a Board of Directors, a chief executive officer and staff. Accredited for intern training by the American Medical Association and approved by the American College of Surgeons.

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WORLD'S FIRST CHOICE
FOR BABIES



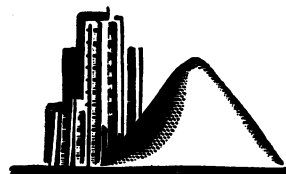
No feeding directions furnished to the laity

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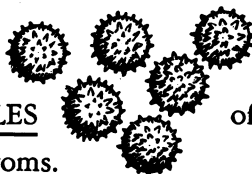
Hay Fever

facts and figures

The annual crop of ragweed pollen in North America weighs more than 2 BILLION POUNDS.



A single teaspoon holds more than 1 BILLION PARTICLES of ragweed pollen.



As few as 6 PARTICLES of ragweed pollen can produce hay fever symptoms.

Hay fever patients usually receive immediate symptomatic relief following just 2 INHALATIONS in each nostril from Benzedrine Inhaler.



Smith, Kline & French Laboratories, Philadelphia

Benzedrine Inhaler

Each tube is packed with racemic amphetamine, S.K.F., 250 mg.; oil of lavender, 75 mg.; menthol, 12.5 mg.

Why PENICILLIN-C.S.C.

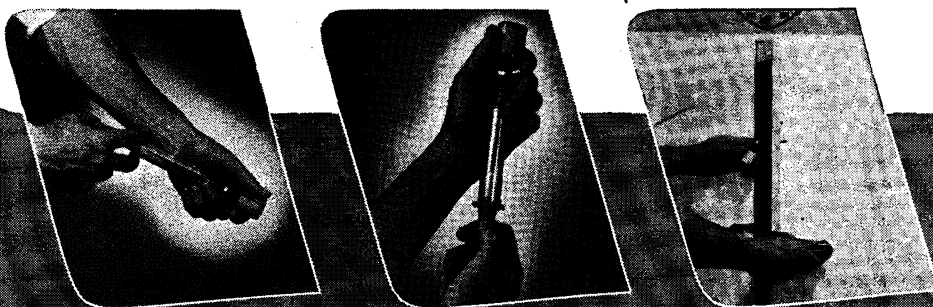
Penicillin-C.S.C.—available as penicillin calcium as well as penicillin sodium—is packaged only in rubber-stoppered serum-type vials containing 100,000 Oxford Units. The vials are used in preference to sealed ampuls because they make for greater convenience in storing the solution and because they lessen the danger of contamination after the solution is made.

Only vials of 100,000 units are offered at present because experience designates them as the most advantageous size. If there IS a factor in therapy which may undermine or lessen the remarkable therapeutic efficacy of penicillin, it may be underdosage. Even if ther-

apy is instituted late in the course of the disease, penicillin in many instances will prove effective if adequately high dosage is used for the proper length of time.

In the conditions so far explored and reported, effective dosage in some instances will be less than 100,000 units per day; in many instances it may have to be several times this amount. Hence in a large percentage of cases the Penicillin-C S.C. vial of 100,000 units will prove most advantageous.

The convenience of the vial will be readily appreciated. After removal of the tear-off portion of the aluminum seal, sterilize the exposed surface of the rubber stopper



IS SUPPLIED ONLY IN 100,000 OXFORD UNIT VIALS

in the customary manner, inject into the vial 20 cc. of pyrogen-free, sterile physiologic salt solution; without removing the needle invert vial and withdraw as many cc. of this 5000 units per cc. solution for the injection that is to be made immediately; store the vial with its remaining solution in the refrigerator—it is ready for use when the next injection is to be made.

The concentration withdrawn from the vial is 5000 units per cc. If

a lower concentration is desired, modification is easily accomplished.

If you have not as yet received a copy of the "Penicillin-C.S.C. Therapeutic Reference Table," showing dosages, modes of administration, and duration of treatment required in the various infections in which penicillin is indicated, write for a complimentary copy now. You will find it a valuable aid in familiarizing yourself with penicillin therapy.

PHARMACEUTICAL DIVISION

COMMERCIAL SOLVENTS

Penicillin Plant
Terre Haute, Ind.

Corporation
CSC

17 East 42nd Street
New York 17, N. Y.

Therapeutic Reference Table . . . Penicillin-C.S.C.

CONDITIONS IN WHICH PENICILLIN IS THE BEST
THERAPEUTIC AGENT AVAILABLE

CONDITION	MODE OF ADMINISTRATION ¹	DOSEAGE ²	DURATION AND COLLATERAL THERAPY	CONDITION
I. All streptococcal infections with and without bacteremia:				
• Acute Osteomyelitis	Intramuscular or Intravenous and Local	10,000 to 15,000 O.U. every 4 hours 250 to 500 O.U. per cc. NaCl solution	7 days or less; debridement and surgery as required	• Col.
Chronic Osteomyelitis	Intramuscular or Intravenous and Local	20,000 O.U. every 4 hours 250 to 500 O.U. per cc. NaCl solution	According to response; debridement and surgery as required	• St.
• Arthritis, Soft Tissue Infections	Intramuscular or Intravenous	10,000 to 15,000 O.U.		• M.C.

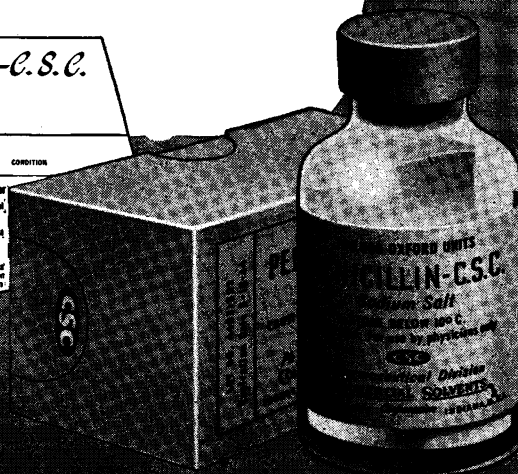
A page of the "Penicillin-C.S.C.

Therapeutic Reference Table

is available on request.

Write for a complimentary copy now.

C.S.C. Commercial Solvents Corporation



For Acidity and Allied Conditions, we suggest ADAMS SPRINGS MINERAL WATER



● MANY physicians recommend the water in conjunction with the treatment of stomach, liver and kidney trouble.

ADAMS MINERAL SPRINGS is one of the seven known iron and manganese bi-carbonate springs in the world, and the only one in Western America.

It is not a cure-all, but it overcomes acid excesses in the body, and is a very mild but wonderfully effective eliminator. The bowels function without spasm, the kidney output is greatly increased, and there is marked drainage of bile from the gall bladder and liver.

There is also some constitutional upset for a few days, particularly in gall bladder cases. But this is soon over and your patient begins to show improvement and is now in condition to profit by any medication you may prescribe. If the case is an operative one, you have improved your patient and made of him a better risk.

We will be pleased to cooperate in any way whatever, and samples of water are yours for the asking.

A Natural Mineral Water SHOWING MAIN CONSTITUENTS

By PROF. SYDNEY A. TIBBETTS, Berkeley

MANGANESE	1.3 parts per million
IRON	12.5 parts per million
CALCIUM	173.3 parts per million
MAGNESIA	339.3 parts per million
SODIUM	365.0 parts per million
SILICA	93.0 parts per million
CHLORINE	38.3 parts per million
SULPHATE	16.1 parts per million
NITRATE	0 parts per million
PHOSPHATE7 parts per million
CARBONATE	1551.4 parts per million
TOTAL	2590.9 parts per million

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Alt. 3000 ft. Modern Hotel and Cottages against a background of fragrant pines in beautiful Lake County.

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Its unrivaled smoothness and distinctive flavour makes Johnnie Walker a leader among scotches.

Popular Johnnie Walker can't be everywhere all the time these days. If occasionally he is "out" when you call . . . call again.

JOHNNIE WALKER



**BLENDED
SCOTCH WHISKY**

RED LABEL

BLACK LABEL

Both 86.8 Proof

Canada Dry Ginger Ale, Inc.
New York, N. Y.

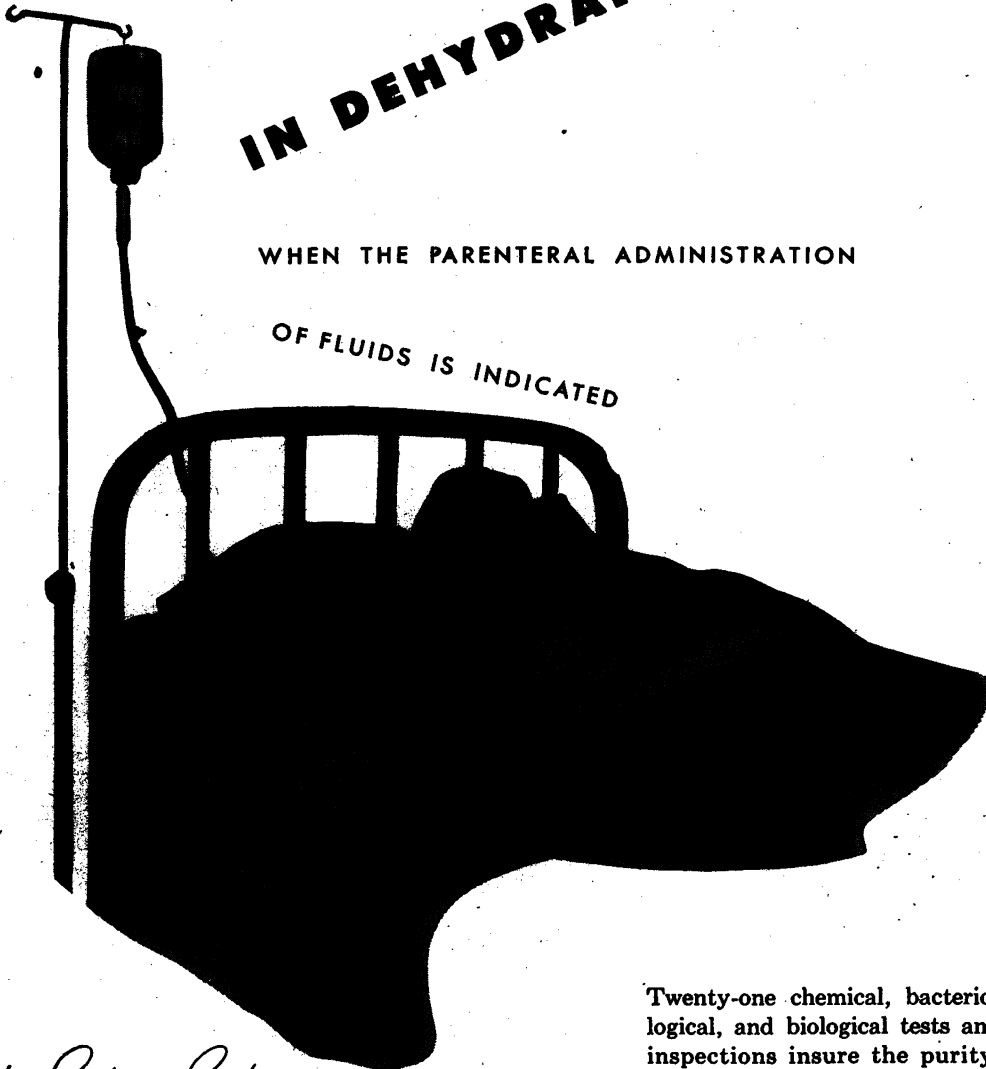
Sole Importer

BUY UNITED STATES WAR BONDS AND STAMPS

IN DEHYDRATION

WHEN THE PARENTERAL ADMINISTRATION

OF FLUIDS IS INDICATED



For Safety's Sake, choose

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SOLUTIONS IN VACOLITERS

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it's always a pleasure

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**THAN THE
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Lilly



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The above truism applies with particular emphasis to the early recognition and treatment of vitamin deficiency conditions.

Therefore, cooperating fully with the clinician, White Laboratories steadfastly continues to promote White's Prescription Vitamins solely to the medical profession.

White's prescription products are in *no* way advertised to the laity.

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Pharmaceutical Manufacturers, Newark 7, N. J.

White's  PRESCRIPTION vitamins



FOR SOME WOMEN the climacteric is practically uneventful except for the cessation of menstrual function. To others the cessation of ovarian activity becomes a crisis to themselves and their families.

One of the valued contributions of endocrinology was the discovery and isolation of potent estrogens and their usefulness in alleviating the distressing symptoms of the menopause.

Within the last five years the natural estrogens have decreased in cost while orally administered diethylstilbestrol costing only one or two cents a day has brought estrogenic therapy within the reach of every woman.

The Squibb Laboratories supply the *natural* estrogens Amniotin, in a variety of dosage forms for use orally, intravaginally or by hypodermic injection. The

present price of Amniotin in Oil in capsules is the lowest in history; for injection, Amniotin in Oil in the vial packages makes the cost per dose relatively inexpensive and enables the physician to vary the dosage to fit the patient's requirements.

Diethylstilbestrol Squibb is available in a like variety of dosage forms except that for oral administration it is supplied in tablets rather than capsules. Reports in the literature indicate that, where excessive dosage is avoided, many patients acquire a tolerance to the drug and are able to take it without discomfort.

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Manufacturing Chemists to the Medical Profession Since 1858

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The Colfax School for the Tuberculous is located in the pine clad Sierra Nevada foothills, at an elevation of 2,400 feet; an elevation free from the fogs of the valleys and free from extremes of heat or cold.

This Institution supplies, among other advantages:

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Among other benefits, this powerful nasal decongestant is of low toxicity, and its effectiveness is undiminished even on repeated administration.

Neo-Synephrine

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LAevo • α • HYDROXY • β • METHYLAMINO • 3 • HYDROXY • ETHYLBENZENE HYDROCHLORIDE



Available in a ¼% or 1% solution in 1-oz. bottles for dropper or spray; and as a ½% jelly in collapsible tube with applicator.

Trade Mark Neo-Synephrine Reg. U. S. Pat. Office

Frederick Stearns & Company

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LUMINAL SODIUM AMPULS

2 and 5 grains for injection.

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Pharmaceuticals of merit for the physician

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Pure..
Wholesome..
Refreshing

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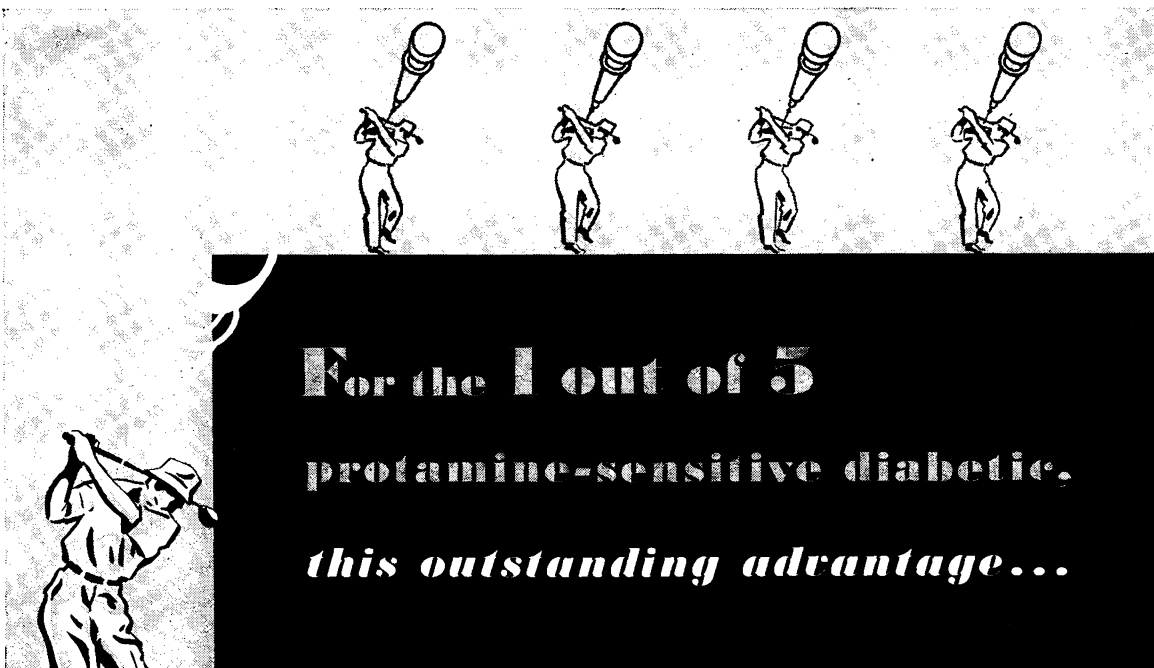
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(1) Page, R. C., and Bauman, L.: J.A.M.A. 124:704 (March 11) 1944. • (2) Bauman, L.: Bull. N. E. Med. Cen. V:17-21 (Feb.) 1943. • (3) Bauman, L.: Am. J. Med. Sc. 198:475 (Oct.) 1939, *ibid.* 200:299, 1940. • (4) Duncan, G. G., Diseases of Metabolism, Phila., Saunders Co., 1942, p. 782.

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Should the Navy serve Beer?

An interesting discussion of this question appears on the editorial page of Collier's for July 1, 1944

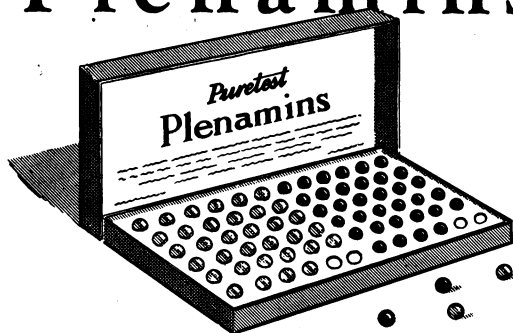
ACME, the beer with the high I. Q. (It Quenches!) has been an ever-increasing favorite in the West, every year since Repeal. A light beer, it is the popular refreshment with many who keep a constant weather eye on their waist lines . . . for ACME is far lower in caloric value than many so-called diet foods!



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5000 U. S. P. Units

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There were days, too, when people avoided MARGARINE. But that was yesterday. Fortified MARGARINE's present vitamin A content, its nutri-

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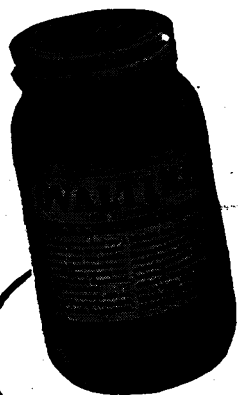
AS SOON AS LIQUIDS ARE RETAINED

The insult of anesthesia, tissue manipulation, unavoidable trauma, and enforced starvation sharply raise the nutritional requirements of the postoperative patient. Hence feeding must be started as early as possible to prevent too great a nutritional imbalance. Also, recovery is hastened and strength is gained more quickly when postoperative metabolic needs are supplied adequately.

Usually tolerated as early as liquids are

retained, Ovaltine as a beverage provides a simple yet highly effective means of improving the nutritional state of the postsurgical patient. Its essential nutrients, well balanced and generously supplied, are in easily assimilated form. Thus the digestive burden is materially reduced. The delicious taste of this food drink proves appealing to all patients, young and old, making Ovaltine acceptable when many other foods are refused.

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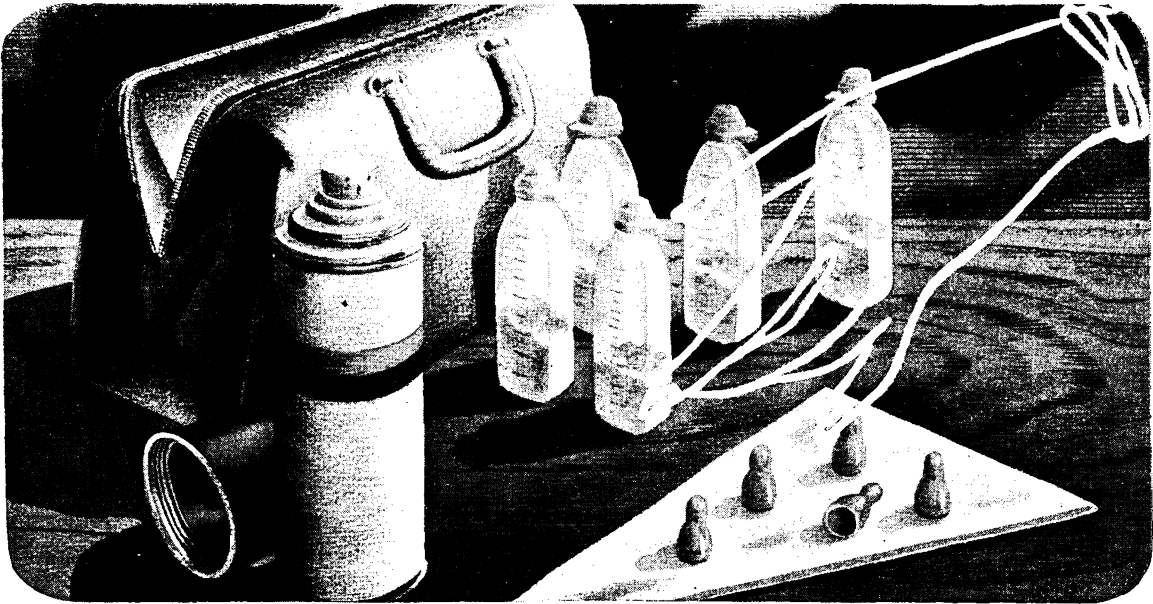
Ovaltine

Three daily servings (1½ oz.) of Ovaltine provide:

	Dry Ovaltine	Ovaltine with milk*		Dry Ovaltine	Ovaltine with milk*
PROTEIN	6.0 Gm.	31.2 Gm.	VITAMIN A	1500 I.U.	2953 I.U.
CARBOHYDRATE .	30.0 Gm.	62.43 Gm.	VITAMIN D	405 I.U.	480 I.U.
FAT	2.8 Gm.	29.34 Gm.	THIAMINE9 mg.	1.296 mg.
CALCIUM25 Gm.	1.104 Gm.	RIBOFLAVIN25 mg.	1.278 mg.
PHOSPHORUS25 Gm.	.903 Gm.	NIACIN	3.0 mg.	5.0 mg.
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*Each serving made with 8 oz. of milk; based on average reported values for milk.

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The mother has only to measure out and place in dry, sterile feeding bottles, the prescribed amount of Similac powder for each individual feeding. The bottles containing the measured Similac powder are then capped, and can be conveniently carried, along with a thermos bottle of boiled water cooled to about blood heat. At feeding time it is necessary only to pour into one of the bottles containing the measured Similac powder, the prescribed amount of water, then shake until the Similac is dissolved, place a nipple on the bottle, and feed.



A powdered, modified milk product especially prepared for infant feeding, made from tuberculin tested cow's milk (casein modified) from which part of the butter fat is removed and to which has been added lactose, olive oil, cocoanut oil, corn oil and fish liver oil concentrate.

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Accent on *Velvet* *Smoothness*

The process used in manufacturing the "RAMSES"* Flexible Cushioned Diaphragm produces a dome which is soft and pliable and can best be described as being as smooth as velvet.

This velvet-smoothness lessens the possibility of irritation during use.

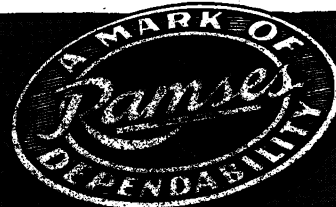
The "RAMSES" Flexible Cushioned Diaphragm is manufactured in sizes of 50 to 95 millimeters in gradations of 5 millimeters. It is available on the order or prescription of the physician through any recognized pharmacy.



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**FLEXIBLE CUSHIONED
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when apathy prolongs convalescence

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This depression may manifest itself in symptoms of apathy, hopelessness or despondency, psychomotor retardation and subjective weakness.

Obviously, the physician should guard against undue stimulation. But when, in his judgment, a convalescent patient will

benefit by a sense of increased energy, mental alertness and capacity for work, the administration of Benzedrine Sulfate Tablets will often accomplish the desired result.

BENZEDRINE SULFATE TABLETS

(racemic amphetamine sulfate)



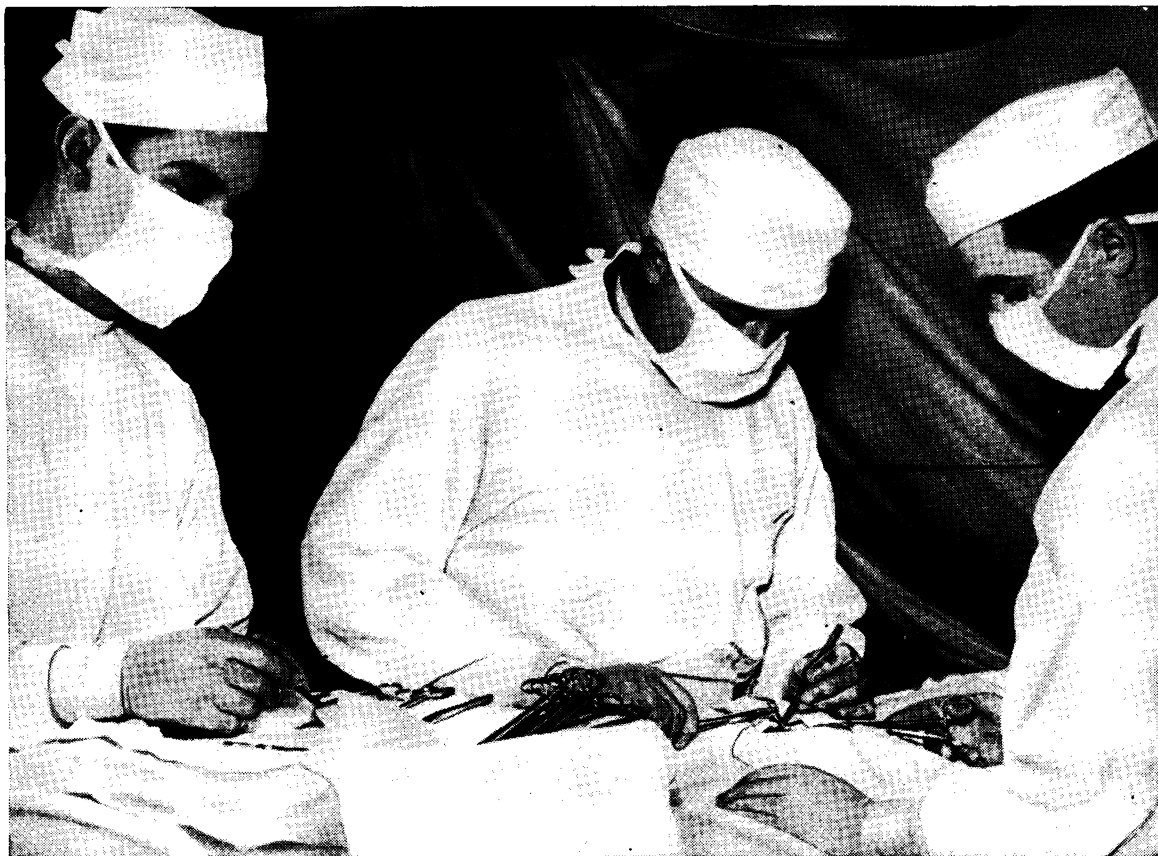
As with any potent therapeutic agent, Benzedrine Sulfate should be administered under the supervision of the physician. Indications and contraindications are set forth in N.N.R.

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War

...in white



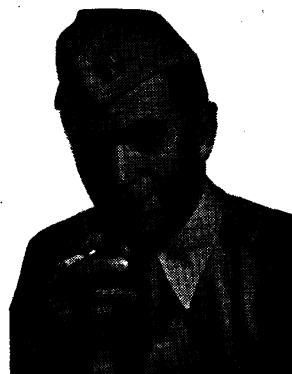
Always exposed to enemy fire, bombing, the field clearing-station surgeons work under the worst hazards ever faced by "soldiers in white." Naturally, their brief respites . . . the occasional "breaks" for smokes . . . are delightful moments.

More delightful because their cigarette is likely to be a Camel... the milder, more flavorful brand favored in the armed forces.*

Today... as in the first world war... Camel is the "soldier's cigarette," every puff a cheering highlight in a fighting man's life.

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*With men in the Army, the Navy, the Marine Corps, and Coast Guard, the favorite cigarette is Camel. (Based on actual sales records.)



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*The macrocytic anemias
in pregnancy
respond to*

Solution
LIVER EXTRACT
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MACROCYTIC ANEMIAS in pregnancy resemble other macrocytic anemias. This type of anemia frequently responds best to a complete anti-pernicious anemia regime, including the injection of liver extract, vitamin therapy, a diet adequate in protein, and iron by mouth when there is evidence of hypochromia.

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**"I'm catching one
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**CUTTER M.V. R. I. "SHOTS," BEFORE THE ONSET
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Why not notify your most susceptible patients — and get them started on a series of Cutter M.V. R. I. shots at once? M.V. R. I. is prepared from constantly changing, picked strains, obtained from Western sources — strains that your patients are most likely to contact. For "needle-shy" patients — or to boost immunity following shots — prescribe Cutter M-V Oral and M-V Nasal, capsules and nasal spray. All three specific for your practice, to save you time this winter.

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